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SEQUENCE LISTING

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<120> Recombinant Lipidated PsaA Protein, Methods of
Preparation and Use

<130> 99,107-B

<140> 09/600,057
<141> 2000-07-10

<150> PCT/US99/00379
<151> 1999-01-14

<150> US 09/017,782
<151> 1998-02-03

<160> 3

<170> PatentIn Ver. 2.0

<210> 1
<211> 26
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:Primer DE09
covering 26 base pairs at the 5' end of the psaA
gene, ending at the SphI site.

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:Primer DE11
covers 26 base pairs at the 3' end of the PsaA
coding sequence and a BamHI site.

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<210> 3
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<212> DNA
<213> Artificial Sequence

26

26

<220>

<223> Description of Artificial Sequence:Recombinant
lipidated PsaA - first 52 residues driven from
OspA signal sequence of *B. burdorferi*, remaining
from *S. pneumoniae* type 6B PsaA.

<400> 3

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gatattacta aaaatattgc tgggtgacaaa attgaccttc atagtatcgt tccgattggg 180
caagaccac acgaatacga accacttcct gaagacgtta agaaaacttc tgaggctgat 240
ttgattttct ataacggtat caaccttgaa acagggtggca atgcttggtt tacaaaattg 300
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gttatctacc ttgaagggtca aaatgaaaaa ggaaaagaag acccacacgc ttggcttaac 420
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aacaataaag aattctatga aaaaaatctc aaagaatata ctgataagtt agacaaactt 540
gataaagaaa gtaaggataa atttaataag atccctgctg aaaagaaact cattgtaacc 600
agcgaaggag cattcaaata cttctctaaa gcctatgggtg tcccaagtgc ctacatctgg 660
gaaatcaata ctgaagaaga aggaactcct gaacaaatca agaccttggg tgaaaaactt 720
cgccaaacaa aagttccatc actctttgta gaatcaagtg tggatgaccg tccaatgaaa 780
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gctgaaggat tggcaaaata a                                     921
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